

CN 2274947

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## State Intellectual Property Office of the People's Republic

Title: Electric driven tooth brush			
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Abstract			
No abstract <i>attached</i>			

Abstract

The present electric toothbrush comprises a housing, and contained inside the housing are a moving part, a power supply part and a brush part; the power supply part supplies electricity to a motor of the moving part and drives a moving axle by means of moving gears to carry out a linear forward and backward movement; the bottom end of the brush shell of the brush part is connected to the top end of the housing, and two brush holes are provided at the top; a long shaft hole is provided in the middle of the brush cover; the top section bifurcates to form two parallel arms; on the inside of the arms, gears that are positioned correspondingly on the opposite sides are provided; on one side of the brush head are gears that can be engaged to the gears on the shaft; a central hole is connected to the brush axle; the bottom part of the brush handle is connected to the moving axle on the inside; the moving axle moves in a linear forward and backward fashion to drive the brush handle to move forward and backward; the handle engages the brush by means of gears such that the brush part with the bristles can rotate repeatedly forward and backward to perform tooth brushing.

# 说明书附图

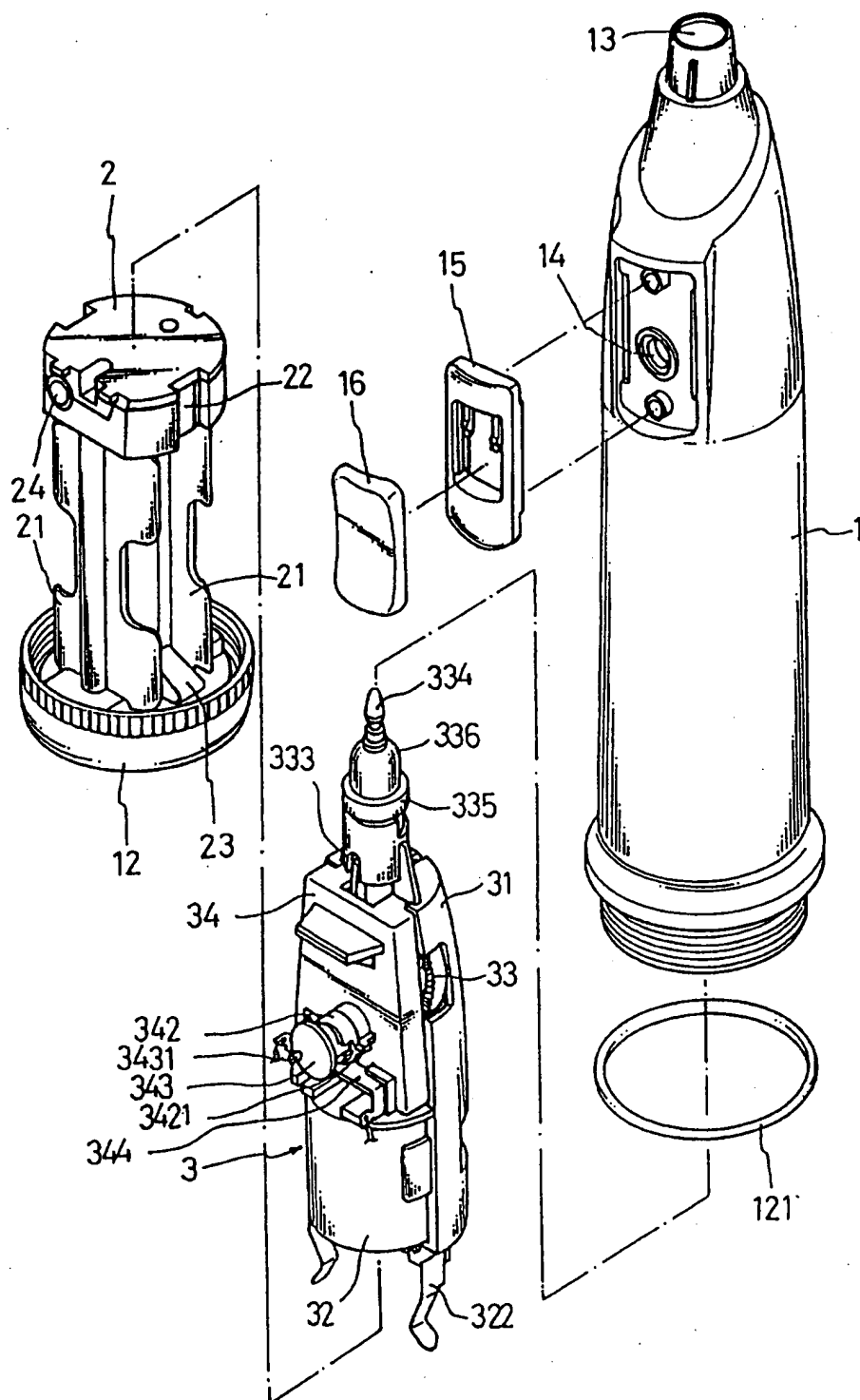


图 1

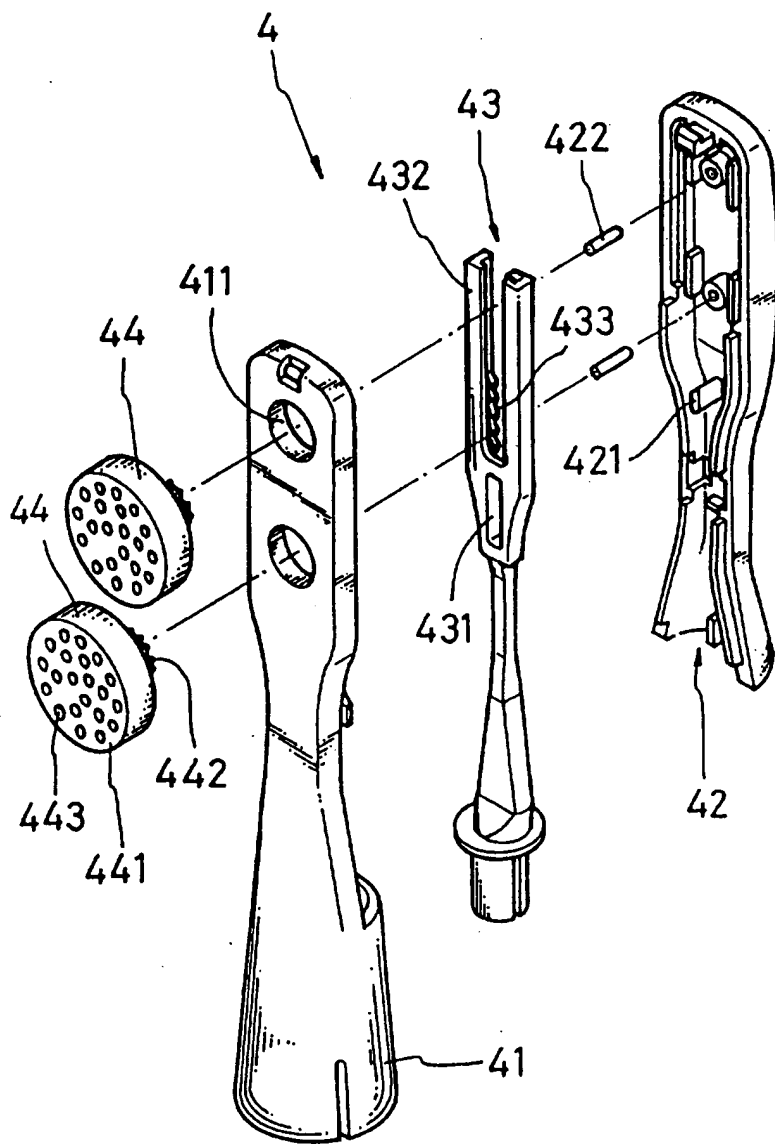


图 2

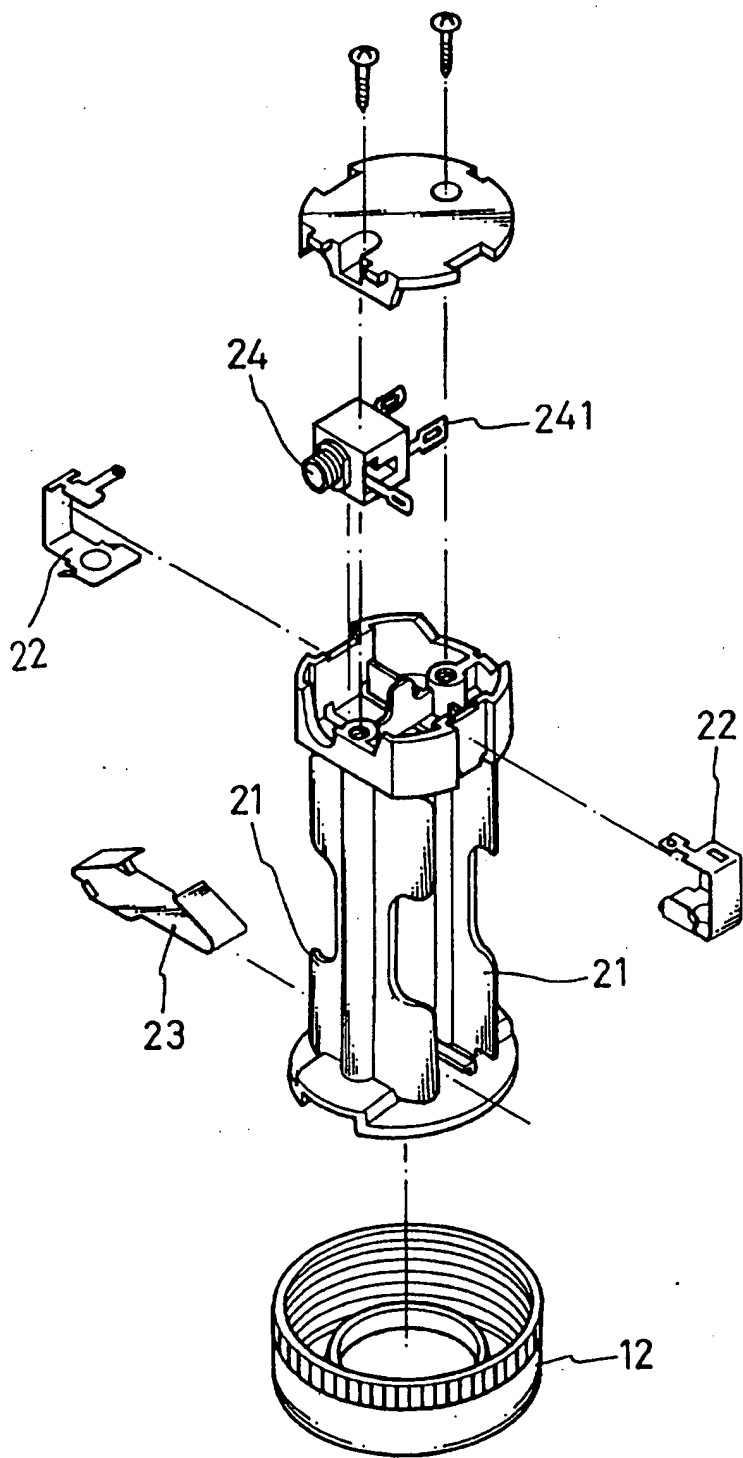


图 3

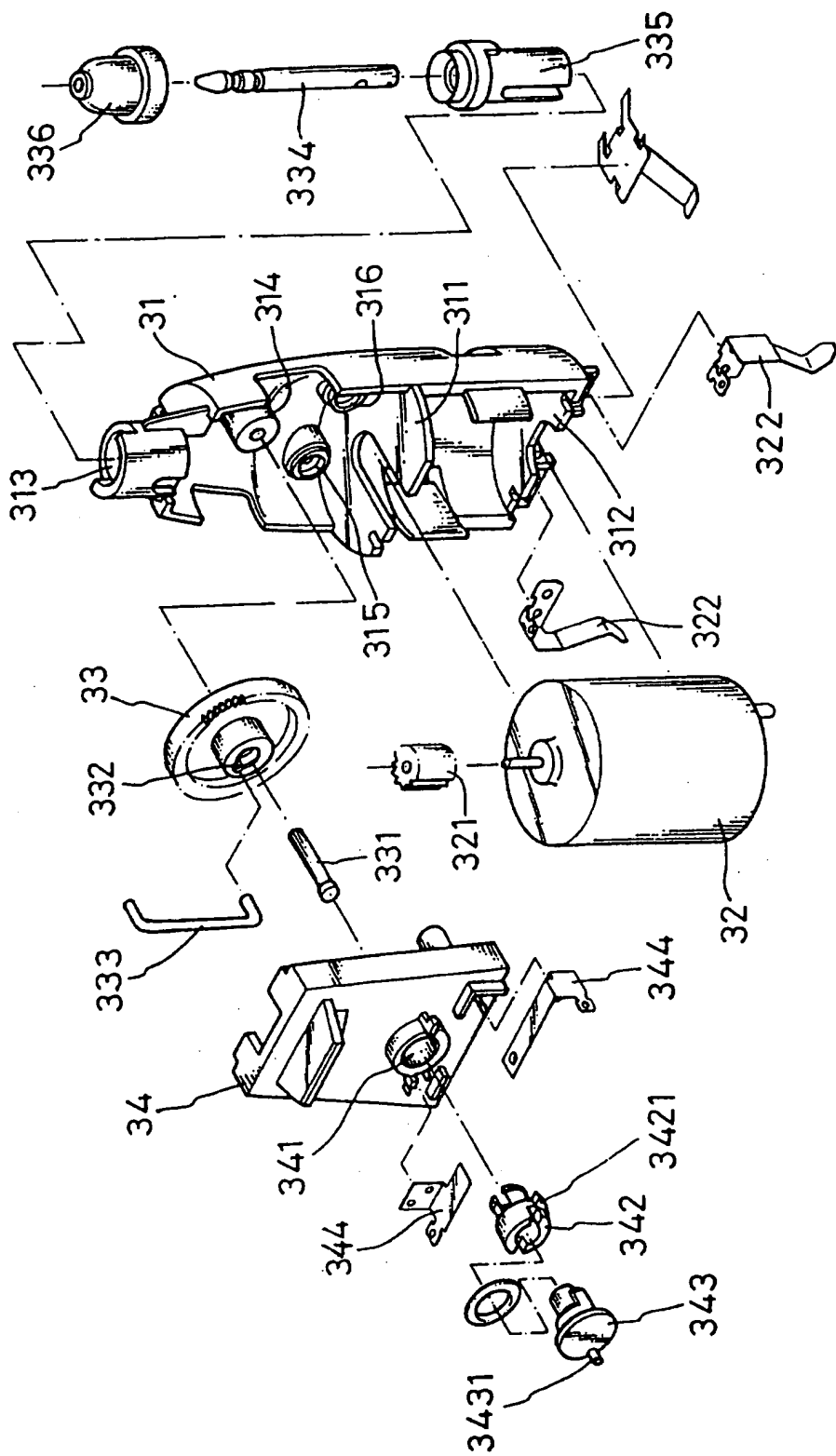


图 4

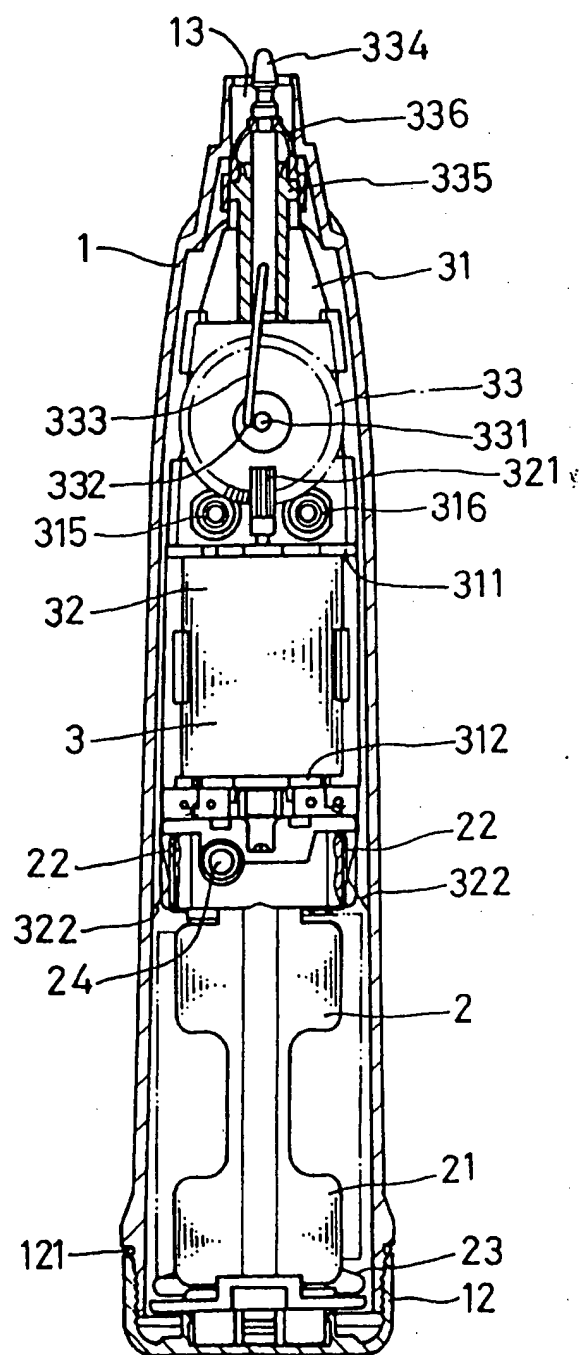


图5

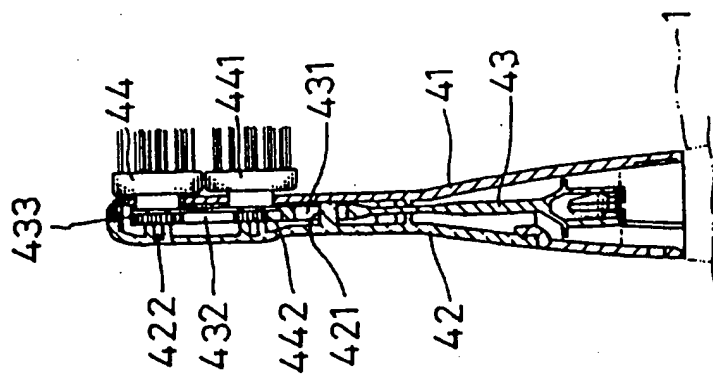


图 6

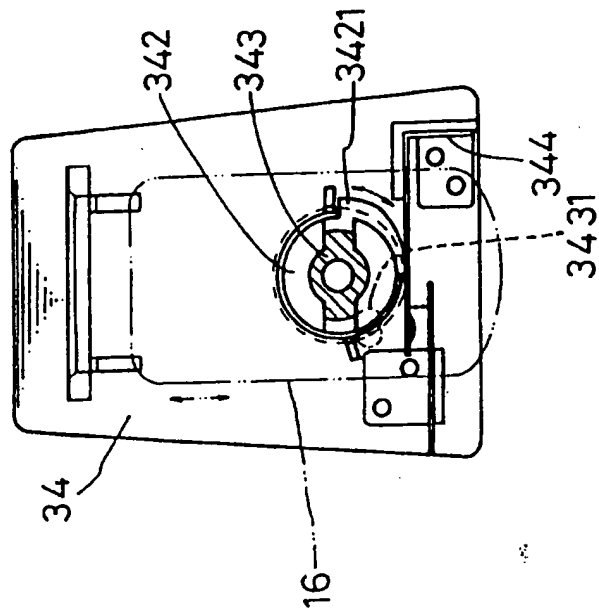


图 7